


EROSION CONTROL LEGEND

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<u>DESCRIPTION</u>	<u>PLAN SYMBOL</u>
LEVEL SPREADER	

CONSTRUCTION ACTIVITY	SCHEDULE CONSIDERATION
1 OBTAIN COPIES OF ALL PLAN APPROVALS AND OTHER APPLICABLE PERMITS.	CONTRACTOR TO HAVE ONSITE AT ALL TIMES DURING CONSTRUCTION.
2 FLAG THE WORK LIMITS AND BARRICADE TREES AND MARK BUFFER AREAS FOR PROTECTION.	HAVE LOCAL REGULATORY AGENCY INSPECT TREE BARRICADES.
3 HOLD PRE CONSTRUCTION CONFERENCE AT LEAST ONE WEEK PRIOR TO STARTING CONSTRUCTION.	REVIEW TREE PROTECTION (BARRICADE) WITH OWNER AND LOCAL REGULATORY AGENCY. TAKE PICTURES OF ALL PROTECTED TREES AND LOCATIONS WHERE SITE WORK TIES INTO EXISTING TO DOCUMENT PREDEVELOPMENT PROCEDURES.
4 INSTALL CONSTRUCTION ACCESS AND LAY DOWN AREAS	STABILIZE BARE AREAS IMMEDIATELY AND INSTALL CONSTRUCTION EXITS / ENTRANCES.
5 CONSTRUCT SEDIMENT TRAPS AND BARRIERS - BASIN TRAPS, SEDIMENT FENCES, AND OUTLET PROTECTION.	INSTALL PRINCIPAL BASINS AFTER CONSTRUCTION SITE IS ACCESSED. INSTALL ADDITIONAL TRAPS AND BARRIERS AS NEEDED DURING GRADING.
6 ESTABLISH RUNOFF CONTROL - DIVERSIONS, PERMITTER DIKES, WATER BARS, AND OUTLET PROTECTION.	INSTALL KEY PRACTICES AFTER PRINCIPAL SEDIMENT TRAPS AND BEFORE LAND GRADING. INSTALL ADDITIONAL RUNOFF CONTROL MEASURES DURING GRADING.
7 LAND CLEARING AND GRADING SITE PREPARATION CUTTING, FILLING AND GRADING, SEDIMENTATION TRAPS, BARRIERS, DIVERSIONS, DRAINS, SURFACE ROUGHENING.	BEGIN MAJOR CLEARING AND GRADING AFTER PRINCIPAL SEDIMENT AND KEY RUNOFF-CONTROL MEASURES ARE INSTALLED. CLEAR BORROW AND DISPOSAL AREAS ONLY AS NEEDED. INSTALL ADDITIONAL CONTROL MEASURES AS GRADING PROGRESSES. MARK TREES AND BUFFER AREAS FOR PRESERVATION.
8 RUNOFF CONVEYANCE SYSTEM- INSTALL STORM DRAINS, STABILIZE BANKS, CHANNELS, INSTALL INLET AND OUTLET PROTECTION, SLOPE DRAINS.	WHERE NECESSARY, STABILIZE BANKS AS EARLY AS POSSIBLE. INSTALL PRINCIPAL RUNOFF CONVEYANCE SYSTEM WITH RUNOFF- CONTROL MEASURES. INSTALL REMAINDER OF SYSTEM AFTER GRADING.
9 INSTALL WASTEWATER COLLECTION, WATER DISTRIBUTION, AND STORM DRAINAGE SYSTEMS	APPLY TEMPORARY OR PERMANENT STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS WHERE WORK IS DELAYED OR COMPLETE.
10 SURFACE STABILIZATION-TEMPORARY AND PERMANENT SEEDING, MULCHING, SODDING, RIP RAP	APPLY TEMPORARY OR PERMANENT STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS WHERE WORK IS DELAYED OR COMPLETE.
11 BUILDING CONSTRUCTION- BUILDINGS UTILITIES, ROADS, ETC.	INSTALL NECESSARY EROSION AND SEDIMENTATION CONTROL PRACTICES AS WORK TAKES PLACE.
12 LANDSCAPING AND FINAL STABILIZATION - TOPSOILING, TREES AND SHRUBS, PERMANENT SEEDING, MULCHING, SODDING, RIP RAP	LAST CONSTRUCTION PHASE- STABILIZE ALL OPEN AREAS, INCLUDING BORROW AND SPOIL AREAS. REMOVE AND STABILIZE ALL TEMPORARY CONTROL MEASURES.

AAASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AMID	ACRYLAMIDE POLYMER
BFM	BONDED FIBER MATRIX
BMP(S)	BEST MANAGEMENT PRACTICE(S)
CFS	CUBIC FEET PER SECOND
CMP	CORRUGATED METAL PIPE
DHEC	DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
ECB	EROSION CONTROL BLANKET
EPA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
EPSC	EROSION PREVENTION AND SEDIMENTATION CONTROL
FDA	UNITED STATES FOOD AND DRUG ADMINISTRATION
FGM	FLEXIBLE GROWTH MATRIX
HDPE	HIGH DENSITY POLYETHYLENE
MS4	MUNICIPAL SEPARATE STORM SEWER SYSTEM
MSDS	MATERIAL SAFETY DATA SHEETS
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
PAM	POLYACRYLAMIDE OR POLYMER
RCP	REINFORCED CONCRETE PIPE
RCS	SOIL CONSERVATION SERVICE
SWPPP	STORMWATER POLLUTION PREVENTION PROGRAM
TRM	TURF REINFORCEMENT MAT
VFS	VEGETATED FILTER STRIP

[illegible]

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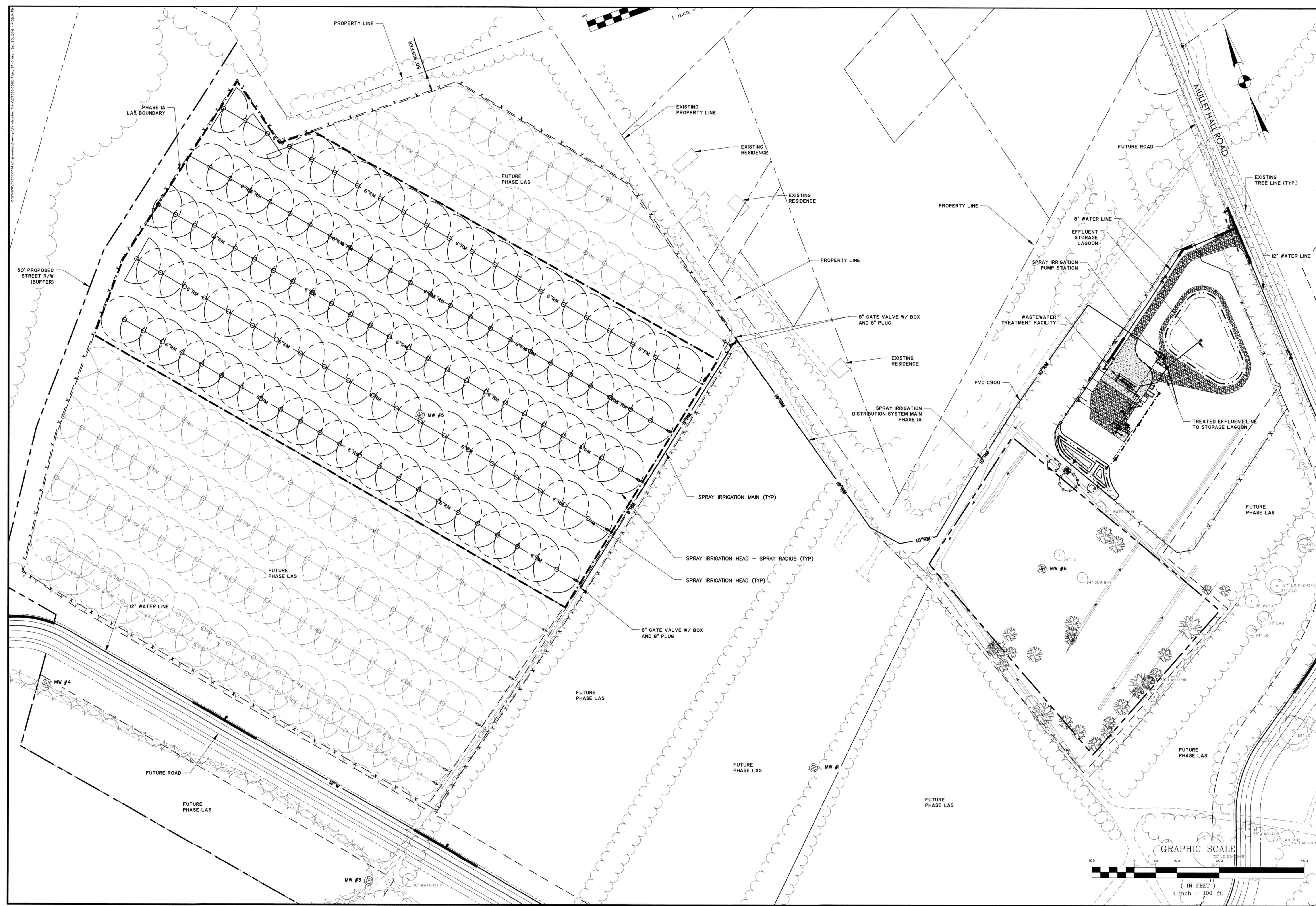
**KIAWAH RIVER PLANTATION
HOLDINGS, LP**
CHARLESTON COUNTY, SOUTH CAROLINA

KIAWAH RIVER PLANTATION WWTP PHASE I

SITE PIPING PLAN OVERALL SITE

JOB NO:	J-25328.0002
DATE:	12/16/16
DRAWN:	DNF
DESIGNED:	KEN
REVIEWED:	MFY
APPROVED:	MFY
SCALE:	1" = 100'

05-C-10



05-C-11

1
05-C-13

TYP FLUSHING CONNECTION DETAILS

NOT TO SCALE

2 **PIPE SUPPORT**
05-C-13 NOT TO SCALE

3 POTABLE WATER HOSE BIBB
05-c-13 NOT TO SCALE

COLORS: BACKGROUND SHALL BE OSHA SAFETY YELLOW
LETTERS SHALL BE RECESSED BLACK

NOTE: ONE SIGN REQUIRED AT EACH
EFFLUENT WATER HOSE RACK AND
BIBB AND ALL OTHER LOCATIONS WHERE ACCESS
TO THE RECLAIMED WATER SUPPLY MAY BE MADE
BY VALVE, FAUCET, OR OTHER FIXTURES. SECURE
THROUGH HANDRAILS W/ (2) SS SASH CHAINS
SECURE TO CONCRETE W/ (2) 3/16" SS EXP BOLTS

NON-POTABLE WATER SIGN

NOT TO SCALE

5 WAS DISCHARGE DETAIL
05-c-13 1"=1'-0"

NOTE:

WHEN LOCATED INSIDE A STRUCTURE, THE WATER SUPPLY IS ABOVE GRADE AND THE SHOWER AND EYEWASH VALVES ARE NOT FREEZE-PROOF. THE SUPPLY IS FED TO THE BACK OF THE STANDPIPE ABOVE EYEWASH DRAIN AND IS PLUGGED SIMILAR TO THE ABOVE DETAIL TO SEPARATE THE SUPPLY FROM THE DRAIN.

7 CHECK VALVE IN MANHOLE
05-C-12 1"=1'-0"

[illegible]

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HOLDINGS, LP**

CHARLESTON COUNTY, SOUTH CAROLINA

KIAWAH RIVER PLANTATION WWTP PHASE I

CIVIL DETAIL S

JOB NO:	J-25328.0002
DATE:	12/16/16
DRAWN:	DNF
DESIGNED:	KEN
REVIEWED:	MFY
APPROVED:	MFY
SCALE:	AS NOTED

05-C-13



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HOLDINGS, LP
 CHARLESTON COUNTY, SOUTH CAROLINA

KIAWAH RIVER PLANTATION WWTP PHASE 1
 CIVIL DETAILS

JOB NO:	J-25328.0002
DATE:	12/16/16
DRAWN:	DNF
DESIGNED:	KEN
REVIEWED:	MFY
APPROVED:	MFY
SCALE:	AS NOTED

05-C-14

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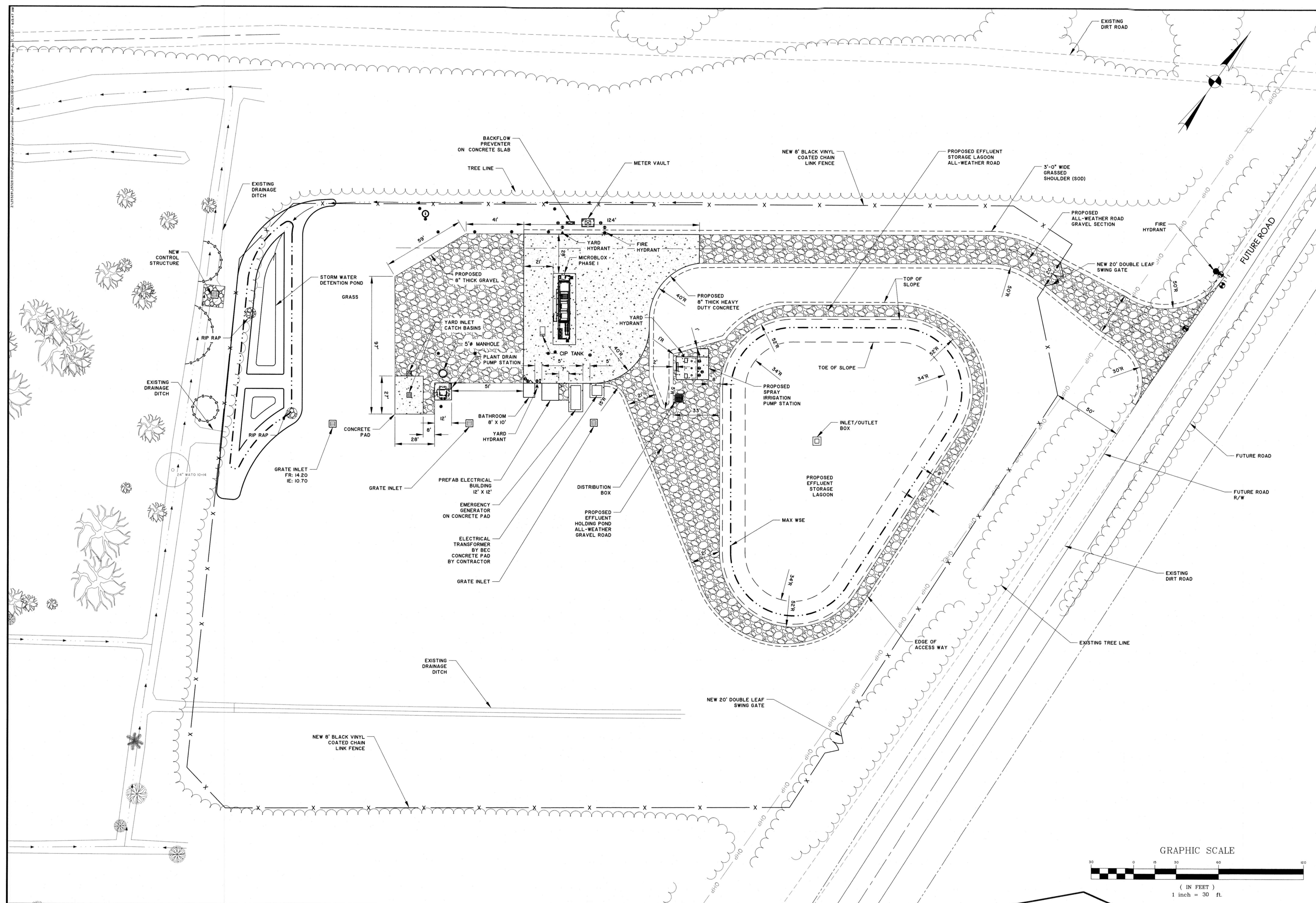
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CHARLESTON COUNTY, SOUTH CAROLINA

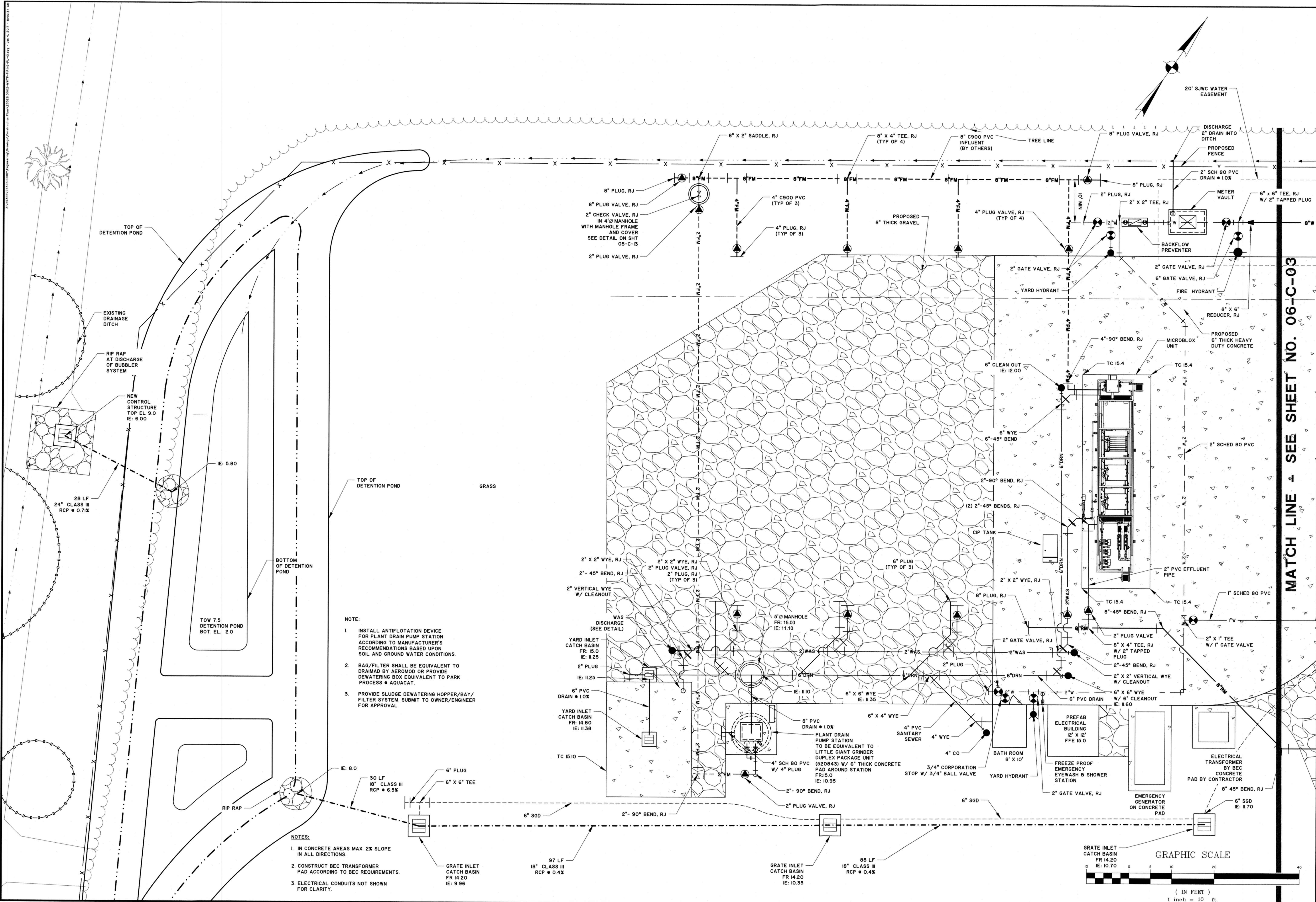
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SITE LAYOUT PLAN - WWTP

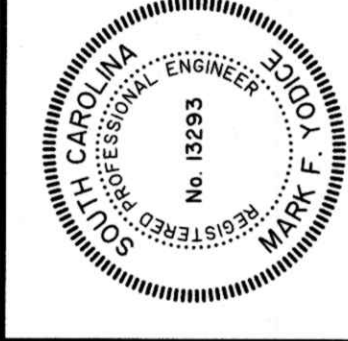
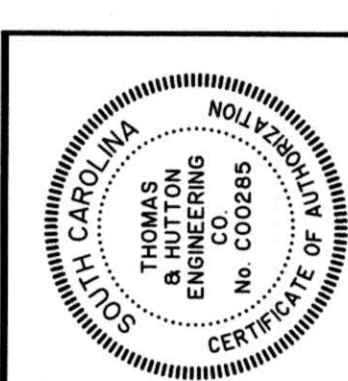
JOB NO:	J-25328.0002
DATE:	12/16/16
DRAWN:	DNF
DESIGNED:	MFY
REVIEWED:	MFY
APPROVED:	MFY
SCALE:	1" = 30'

06-C-01





MATCH LINE - SEE SHEET NO. 06-C-03

[illegible]

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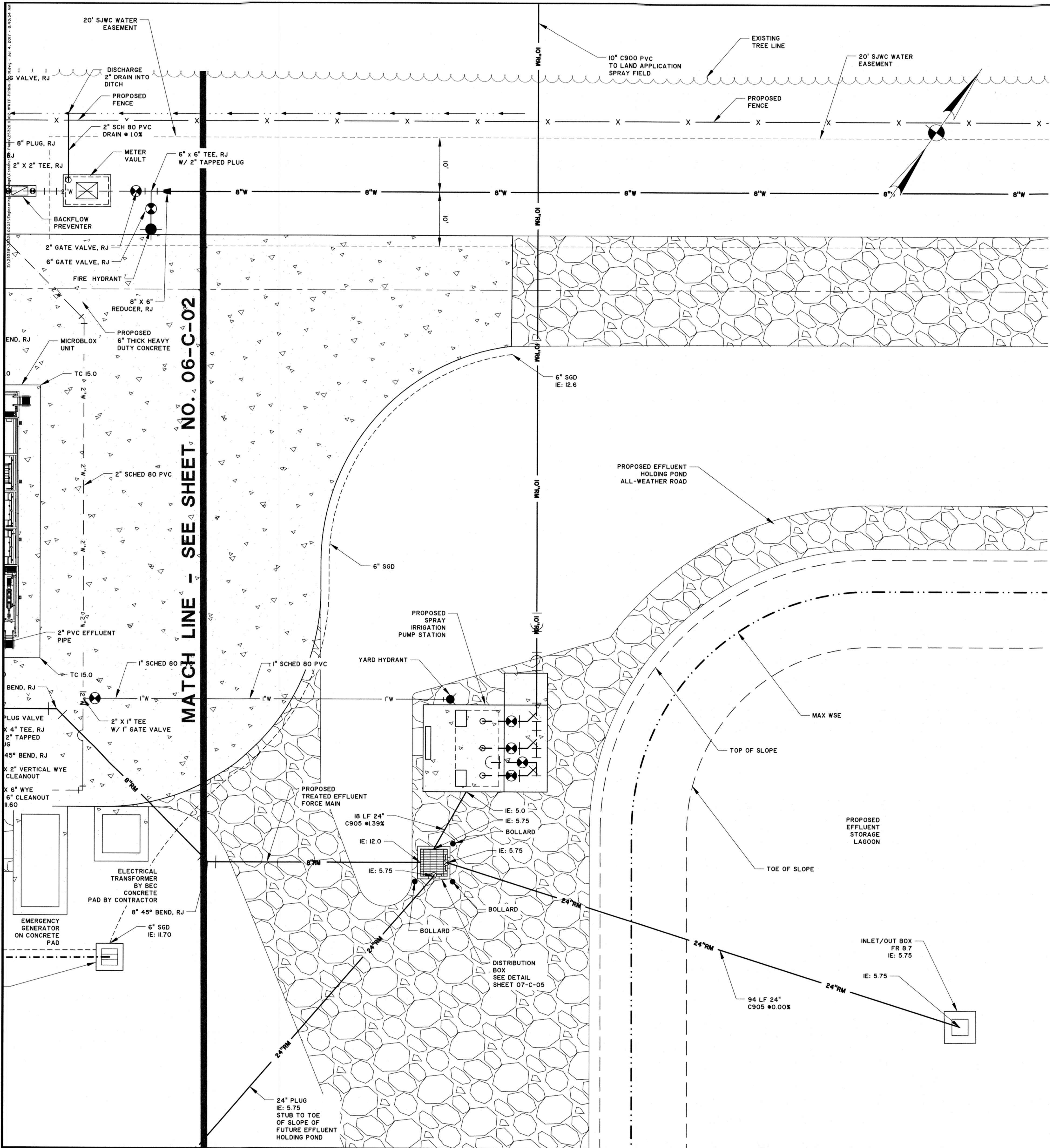
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CHARLESTON COUNTY, SOUTH CAROLINA

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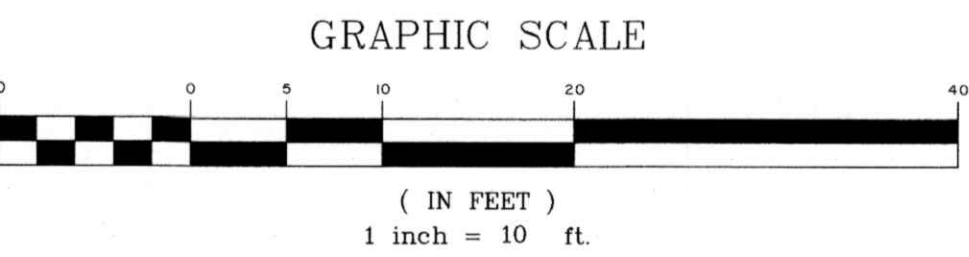
PIPING PLAN - WWTP

JOB NO:	J-25328 0002
DATE:	12/16/16
DRAWN:	DNF
DESIGNED:	KEN
REVIEWED:	MFY
APPROVED:	MFY
SCALE:	1" = 10'

06-C-02



MATCH LINE - SEE SHEET NO. 06-C-02



JOE NO. J-25328-0002

DATE: 12/16/16

DRAWN: DNF

DESIGNED: KEN

REVIEWED: MFY

APPROVED: MFY

SCALE: 1" = 10'

06-C-03

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HOLDINGS, LP

CHARLESTON COUNTY, SOUTH CAROLINA

KIAWAH RIVER PLANTATION WWTP PHASE I

PIPING PLAN - WWTP

NO.

BY

REVISIONS

DATE

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THOMAS & HUTTON

ENGINEER

REGISTERED PROFESSIONAL ENGINEER

NO. 12593

STATE OF SOUTH CAROLINA

THOMAS & HUTTON

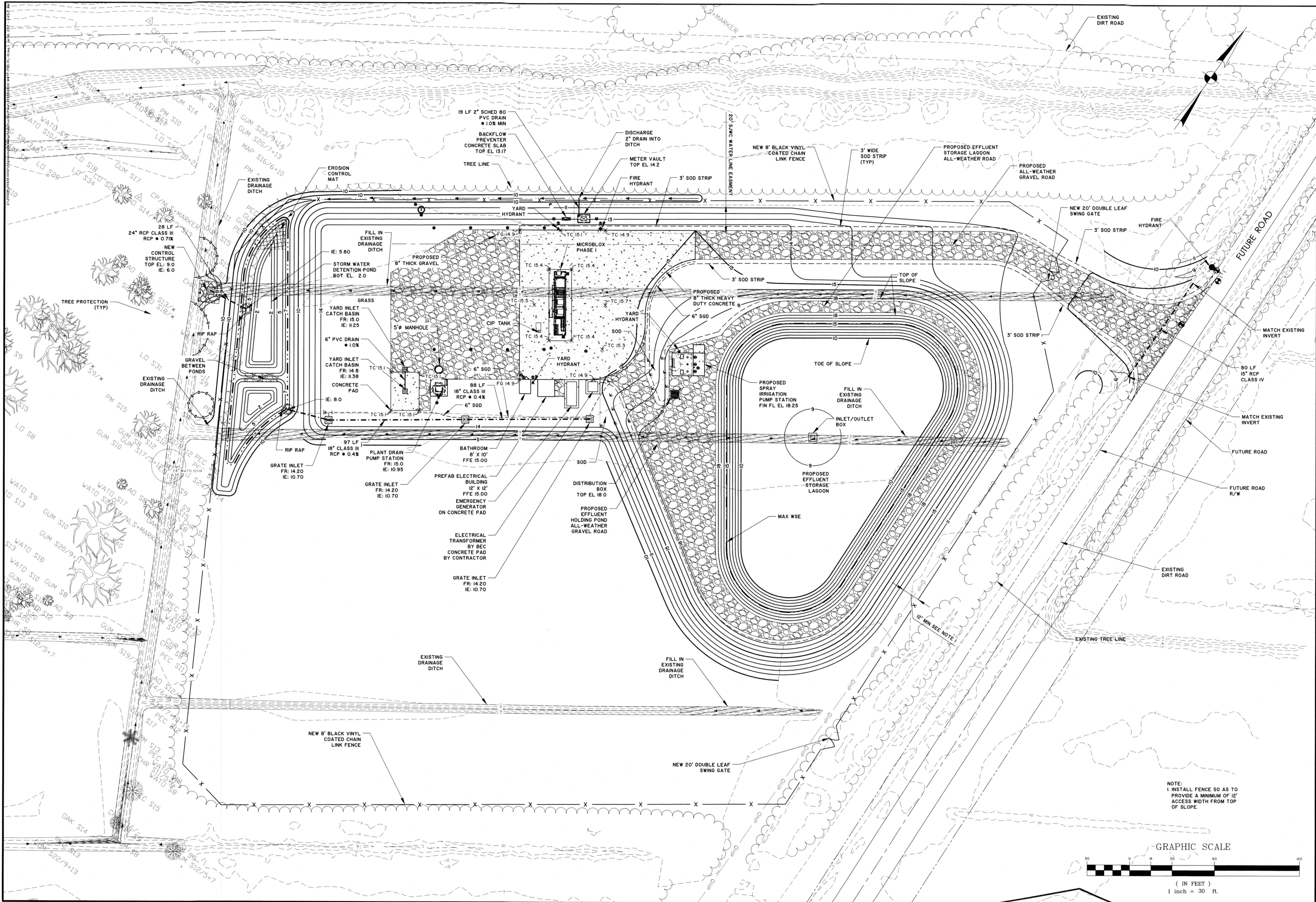
ENGINEER

REGISTERED PROFESSIONAL ENGINEER

NO. 12593

STATE OF SOUTH CAROLINA

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PROFESSIONAL ENGINEER

NO. 12593

REGISTERED PROFESSIONAL ENGINEER

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NO. 12593

KIAWAH RIVER PLANTATION

HOLDINGS, LP

CHARLESTON COUNTY, SOUTH CAROLINA

KIAWAH RIVER PLANTATION WWTP PHASE I

PAVING, GRADING AND DRAINAGE PLAN - WWTP

JOB NO. J-25328-0002

DATE: 12/16/16

DRAWN: DNF

DESIGNED: MFY

REVIEWED: MFY

APPROVED: MFY

SCALE: 1" = 30'

06-C-04

DATE

BY

REVISIONS

NO.

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